

OIPE



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/986,666

DATE: 04/10/2002 TIME: 12:24:48

Input Set : A:\Sequence Listing for Divisional 3.txt

Output Set: N:\CRF3\04102002\1986666.raw

```
3 <110: APPLICANT: HO, CHIEN
              TSAI, CHING-HSUAN
      4
              FANG, TSUEI-YUN
      5
              SHEN, TONG-JIAN
      6
      8 <120> TITLE OF INVENTION: LOW OXYGEN AFFINITY MUTANT HEMOGLOBIN
     10 <130> FILE REFERENCE: 002547/20118DIV3
     12 <140: CURRENT APPLICATION NUMBER: 09/986,666
     13 <141 CURRENT FILING DATE: 2001-11-09
     15 <150> PRIOR APPLICATION NUMBER: 09/598,218
     16 <1515 PRIOR FILING DATE: 2000-06-21
     18 +:160> NUMBER OF SEQ ID NOS: 7
     20 <170> SOFTWARE: PatentIn version 3.1
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     24 - 212> TYPE: DNA
     25 <213> ORGANISM: Artificial Sequence
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     51 32132 ORGANISM: Artificial Sequence
     53 2220% FFATURE:
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om agains the marked tax at another.

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^{62 &}lt; 211 < FENGTH: 27

63 <212> TYPE: DNA

64 <213> ORGANISM: Artificial Sequence

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46 ×330 PENTURE:									
66 <220 FEATURE: 67 -: 223 OTHER INFORMATION DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce									
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8! atotagaggg tattaalaat gtatogotta aataaggagg aataacatat ggtgotgtot	180 240								
86 cctgccgaca agaccaacgt caaggccgcc tggggtaagg tcggcgcgca cgctggcgag									
88 targgtgcgg aggecetgga gaggatgtte etgteettee ecaccaccaa gacetaette	300								
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92 gaegegetga ccaacgeegt ggegeaegtg gaegacatge ccaacgeget gteegeectg	420								
94 agegaeetge aegegeaeaa gettegggtg gaeeeggtea aetteaaget eetaageeae	480								
96 typetyetgg tgaccetgge egeccaecte eccgeegagt teacceetge ggtgcaegee	540								
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150	gacgcgctga	ccaacgccgt	ggegeaegtg	gacgacat.gc	ccaacgcgct	gtdegdddtg	420
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15n	tecetggaea	agttcctggc	ttctgtgagc	accgtgctga	cotocaaata	ccgttaaact	6()()
158	agagggtatt	aataatgtat	cgcttaaata	aggaggaata	acatatggtg	cacctgactc	660
160	ctgaggagaa	gtctgccgtt	actgccctgt	ggggcaaggt	gaacgtggat	gaagttggtg	720
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165	agaaagtgct	cggtgccttt	agtgatggcc	tggctcacct	ggacaacctc	aagggcacct	9(10)
168	ttgccacact	gagtgagctg	cactgtgaca	agctgcacgt	ggatectgag	aacttcaggt	960
170	ggctaggcaa	cgtgctggtc	tgtgtgctgg	cccatcactt	tggcaaagaa	ttcaccccac	1020
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174	atcactaagc	atgcatctgt	tttggcggat	gagagaagat	tttcagcctg	atacagatta	1140

VERIFICATION SUMMARY

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